



GRETCHEN WHITMER
GOVERNOR


STATE OF MICHIGAN
DEPARTMENT OF
ENVIRONMENT, GREAT LAKES, AND ENERGY
LANSING



LIESL EICHLER CLARK
DIRECTOR

VIA E-MAIL

TO: Members of the Michigan Legislature

FROM: Liesl Eichler Clark, Director 

DATE: December 28, 2021

SUBJECT: Orphan Well Fund Annual Report and Orphan Well List

In accordance with Sections 61604(1) and 61607 of Part 616, Orphan Well Fund, of the Natural Resources and Environmental Protection Act, 1994 PA 451, as amended. Attached is the Department of Environment, Great Lakes, and Energy's (EGLE) Orphan Well Fund Annual Report for Fiscal Year 2021 and Orphan Well List for 2022.

If you need further information, please contact Adam W. Wygant, Director, Oil, Gas, and Minerals Division, at 517-897-4828; or you may contact me at 517-512-5992.

Attachment

cc/att: Kathryn Summers, Director, Senate Fiscal Agency
Mary Ann Cleary, Director, House Fiscal Agency
Chris Harkins, Director, State Budget Office
George W. Cook, III, Legislative Affairs Director, Governor's Office
Marc Rehmann, Policy Director, Governor's Office
Ben Dawson, Senate Fiscal Agency
Austin Scott, House Fiscal Agency
Jacques McNeely, State Budget Office
Zach Hendrix, State Budget Office
Aaron B. Keatley, Chief Deputy Director, EGLE
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Dale Shaw, EGLE
Adam W. Wygant, EGLE
Rick Henderson, EGLE
Kathy Tetzlaff, EGLE

**Orphan Well Fund Annual Report
for Fiscal Year 2021
and
Orphan Well List for 2022**



Michigan Department of Environment, Great Lakes, and Energy
Oil, Gas, and Minerals Division

Pursuant to Part 616, Orphan Well Fund,
of the Natural Resources and Environmental Protection Act,
1994 PA 451, as Amended

For more information on the Orphan Well Program, please contact:

Michigan Department of Environment, Great Lakes and Energy
Oil, Gas, and Minerals Division
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ORPHAN WELL FUND ANNUAL REPORT FISCAL YEAR 2021

Fund Overview

The Orphan Well Fund provides a funding source for carrying out plugging, response activity, and site restoration at abandoned or improperly closed oil or gas wells for which no owner or operator is known, for which all owners or operators are insolvent, or at which the Supervisor of Wells determines there exists an imminent threat to public health and safety.

Expenditures

Fiscal Year 2021

Plugging and Site Restoration (see Table I for details)	\$819,349
Response Activity (see Table II for details)	\$90,348
Administrative Costs (i.e., Wages, Supplies, Travel, Supervision)	\$405,872
TOTAL Expenditures	\$1,315,569

Accomplishments

Four orphaned oil wells were plugged. The first well, in Arenac County, was leaking crude oil to the surface. The pooled oil was approximately 350 feet from two nearby residential drinking water wells and 340 feet from the North Branch of the Pine River. This well was successfully reentered and properly plugged. In addition, all contaminated soils around the wellhead were remediated to residential cleanup criteria. The next two wells, in Oceana County, were plugged in cooperation with the United States Forest Service (USFS), the Michigan Department of Natural Resources, and the Michigan Department of Environment, Great Lakes, and Energy's Oil, Gas, and Minerals Division (OGMD). Federal funding through the Good Neighbor Authority (GNA) grant was utilized for the first time in Michigan to plug two remote wells on USFS property. The 1930 era wells were successfully reentered and plugged back to surface. Site restoration included planting native grasses and appropriately placing deadfall over the entire site to deter motorized vehicles. The fourth well, located in Midland County, was a reentry of a leaking oil well, previously plugged in 1948. This well, which is located in a private citizen's cow pasture, posed many problems and required the reinstallation of surface casing to safely and successfully plug the borehole.

In Otsego County, groundwater monitoring at the Leacock, Hubbard & Underwood Unit #1 was conducted to track the success of a remediation system, which included utilizing Oxygen Release Compounds. Remediation actions are proving to be very successful, as hydrocarbon contaminants approach residential cleanup criteria.

The Putnam Energy tank battery facility, located in Otsego County, was pumped and steam cleaned to remove all petroleum and brine constituents in the stock tanks and secondary containment. An extensive soil and groundwater investigation was carried out at the Louis Schnell wells, in Gladwin County. Sample results from this work will help develop a remedial action plan for soil and groundwater contamination. At the Hadaway 2-2A, in Manistee County, monitor wells were decommissioned after a clean closure was obtained. The two tank battery facilities, in Gladwin County, were properly evacuated and dismantled to abate a serious threat to the public and environment. While repairing a section of M-18, in Gladwin County, the Michigan Department of

Transportation accidentally hit an old flowline. Orphan Well Emergency Funds were used to cut, cap, and clean up the small spill, thus allowing the road to be reopened. Groundwater sampling was conducted at the Thomasma site, in Kent County, to check on the effectiveness of a source soil removal in 2020. Finally, groundwater sampling at the School Road site, in Gladwin County, showed a decrease of petroleum constituents to be below residential cleanup criteria.

2022 Orphan Well List

The Orphan Well List (List), prepared by the OGMD, is a compiled listing of oil or gas wells scheduled to be plugged and those at which interim response, remedial investigation, remediation, or site restoration should be performed with money from the Orphan Well Fund. The List is arranged in order of priority using the score assessment determined for each well or project. The entire cost of each well or project, as well as the cost of each phase of the project, are estimated (plugging costs, interim responses, etc.).

Abandoned oil and gas wells that qualify for plugging under Part 616 must be scored prior to being added to the List. All wells are scored (prioritized) utilizing a Well Assessment Program. The Well Assessment Program was developed by the OGMD. This system factors in: presence and type of contaminants in soils or groundwater from spills, potential for future contamination, sensitivity of drinking water supplies, degree to which groundwater is protected by geology, age of the well, presence of hydrogen sulfide gas, potential for public exposure to contaminants, and the environmental sensitivity of the area.

The score values are only applicable within their respective category. All Category I Wells have priority over Category II Wells. However, special considerations may necessitate temporarily bypassing a well with a higher score in favor of a well with a lower score. Such considerations include assessment of risk and available technology to successfully resolve a situation, the inability to obtain access to the location, or the need to obtain auxiliary permits.

APPENDIX A

**TABLE I: ORPHAN WELL FUND EXPENDITURES FOR FISCAL YEAR 2021
CATEGORY I & II WELLS**

COUNTY	PERMIT NUMBER	YEAR	COMPANY	WELL NAME & NUMBER	CATEGORY	PLUGGING COSTS	SITE RESTORATION	EVALUATION	REMEDIAL ACTION	TOTAL COSTS	STATE HOUSE	STATE SENATE
Arenac	7880	1940	Smith Petroleum Company	William Stone 1 (1 well – 0 TB)	IB	\$89,153.46	\$37,585.54	\$973.00	\$0	\$127,712.00	97	36
Oceana	728 728(LH)	1930	Chas W. Teater	Stewart Ranch (2 wells – 0 TB)	II	\$198,411.74	\$19,033.70	\$0	\$0	\$217,445.44	100	34
Midland	1292	1938	Columbia Oil & Gas Company	Taulker 1 (1 well – 0 TB)	II	\$439,942.50	\$34,249.42	\$0	\$0	\$474,191.92	98	36
Orphan Well Program Category I & II Costs:						\$727,507.70	\$90,868.66	\$973.00	\$0	\$819,349.36		

TB = Tank Battery

CATEGORY IB = wells are abandoned oil and gas wells that are leaking oil, resulting in contamination of soils, surface water resources, or the groundwater where water wells used for public consumption are not yet contaminated.

CATEGORY II = wells are abandoned, non-leaking wells.

**TABLE II: ORPHAN WELL FUND EXPENDITURES FOR FISCAL YEAR 2021
CATEGORY III WELLS**

COUNTY	PERMIT NUMBER	YEAR	COMPANY	WELL NAME & NUMBER	CATEGORY	PLUGGING COSTS	SITE RESTORATION	EVALUATION	REMEDIAL ACTION	TOTAL COSTS	STATE HOUSE	STATE SENATE
Gladwin	4568 4864 4856	1937 1938 1937	Schnell, Louis	LaFurgey 1 LaFurgey 2 Snellenberger 1	III	\$0	\$0	\$9,670.50	\$24,409.51	\$34,080.01	97	36
Gladwin	495 487	1982 1983	Elek, Aaron III	Campbell Tank Battery Schrantz Tank Battery	III	\$0	\$0	\$0	\$48,589.51	\$48,589.51	97	36
Gladwin	19368	1955	Lakeland Oil Co.	School Road	III	\$0	\$0	\$500.00	\$0	\$500.00	97	36
Gladwin	19448	1955	Kaiser, Francis Oil Co	Meyer 2	III	\$0	\$0	\$0	\$540.00	\$540.00	97	36
Manistee	30540	1975	Whitney Oil & Gas	Hadaway 2-2A	III	\$0	\$0	\$0	\$0	\$0	101	35
Otsego	60926	2014	Putnam Energy LLC	Fieldstone Partners 2-33	III	\$0	\$0	\$125.00	\$5,958.75	\$6,083.75	105	36
Otsego**	29028	1973	Saba Energy of Texas	Leacock, Hubbard & Underwood Unit 1 (ongoing remediation)	III	\$0	\$0	\$460.00	\$0	\$460.00	105	36
Kent	6702	1939	Smith Petroleum Co.	Thomasma 5	III	\$0	\$0	\$95.00	\$0	\$95.00	75	29
Orphan Well Program Category III Costs:						\$0	\$0	\$10,850.50	\$79,497.77	\$90,348.27		

** = Continuing Groundwater Remediation Project

CATEGORY III wells have been plugged; however, site remediation has not yet been completed.

TABLE III: ORPHAN WELL LIST FOR 2022
CATEGORY I WELLS

COUNTY	PERMIT NUMBER	YEAR	COMPANY	WELL NAME & NUMBER	SCORE	PLUGGING COSTS	INTERIM RESPONSE	EVALUA- TION	REMEDIAL ACTION	SITE RESTORA- TION	TOTAL COSTS	STATE HOUSE	STATE SENATE
CATEGORY IA: Wells are leaking significant volumes of gas or that, as a result of leaking oil or brine, are contaminating the groundwater used for public consumption.													
None													
TOTAL ESTIMATED COSTS:													
CATEGORY IB: Wells are leaking oil, resulting in contamination of soils, surface water resources, or the groundwater where water wells used for public consumption are not yet contaminated.													
Midland	2076	1934	Turner, Fred	Eugene St. John B 2	19	\$300,000	\$0	\$0	T.B.D.	\$20,000	\$320,000	99	36
TOTAL ESTIMATED COSTS:						\$300,000	\$0	\$0	T.B.D.	\$20,000	\$320,000		
CATEGORY IC: Wells are leaking gas or brine, resulting in contamination of soils, surface water resources, or the groundwater where water wells used for public consumption are not yet contaminated.													
Saint Clair	None	<1929	Unknown	"Buckland Industries" 835 24 th Street	22	\$300,000	\$0	\$0.	T.B.D.	\$50,000	\$350,000	32	25
TOTAL ESTIMATED COSTS:						\$300,000	\$0	\$0.	T.B.D.	\$50,000	\$350,000		

**TABLE III: ORPHAN WELL LIST FOR 2022
CATEGORY II WELLS - PRIORITIZED**

Projects are delineated by the alternately shaded and nonshaded groups.

COUNTY	PERMIT NUMBER	YEAR	COMPANY	WELL NAME & NUMBER	CAT II WELL SCORE	CAT II PROJ. SCORE	REMEDIAL ACTION	INTERIM RE- SPONSE	EVALUA- TION	PLUGGING COSTS	SITE RESTORA- TION	TOTAL COSTS	STATE HOUSE	STATE SENATE
Bay	34389	1981	Estate Of Aaron Elek III	Schwab 2-28	22	23	T.B.D.	\$0	\$0	\$120,000	\$15,000	\$135,000	96	31
Bay	36889	1983	Estate Of Aaron Elek III	Paige 1-34	23	23	T.B.D.	\$0	\$0	\$120,000	\$15,000	\$135,000	96	31
Bay	37090	1984	Estate Of Aaron Elek III	Wendt 2-34	23	23	T.B.D.	\$0	\$0	\$120,000	\$15,000	\$135,000	96	31
Gladwin	35896	1982	Estate Of Aaron Elek III	Campbell 1-12	21	21	T.B.D.	\$0	\$0	\$120,000	\$15,000	\$135,000	97	36
Gladwin	36385	1983	Estate Of Aaron Elek III	Campbell 3-12	21	21	T.B.D.	\$0	\$0	\$120,000	\$15,000	\$135,000	97	36
Gladwin	37141	1984	Estate Of Aaron Elek III	Schrantz 1-3	21	21	T.B.D.	\$0	\$0	\$120,000	\$15,000	\$135,000	97	36
Gladwin	37501	1986	Estate Of Aaron Elek III	Schrantz 2-3	21	21	T.B.D.	\$0	\$0	\$120,000	\$15,000	\$135,000	97	36
Gladwin	37572	1986	Estate Of Aaron Elek III	Schrantz 3-2	21	21	T.B.D.	\$0	\$0	\$120,000	\$15,000	\$135,000	97	36
Oceana	16971	1952	Claybanks Oil Co.	Padziunas 1	14	21	T.B.D.	\$0	\$0	\$120,000	\$15,000	\$135,000	100	34
Oceana	16972	1951	Claybanks Oil Co.	Neilsen 1	29	21	T.B.D.	\$0	\$0	\$120,000	\$15,000	\$135,000	100	34
Oceana	17365	1952	Claybanks Oil Co.	Neilsen 2 BDW	20	21	T.B.D.	\$0	\$0	\$120,000	\$15,000	\$135,000	100	34
Oceana	17366	1952	Claybanks Oil Co.	Neilsen 3	20	21	T.B.D.	\$0	\$0	\$120,000	\$15,000	\$135,000	100	34
Saint Clair	21221	1958	Northeastern Energy Corp.	Baumgarten & Rewalt 1	18	17	T.B.D.	\$0	\$0	\$120,000	\$15,000	\$135,000	32	25
Saint Clair	20895	1958	Northeastern Energy Corp.	Baumgarten & Waltos 1	14	17	T.B.D.	\$0	\$0	\$120,000	\$15,000	\$135,000	32	25
Saint Clair	21188	1958	Northeastern Energy Corp.	Kaminski-Desgrandchamp Unit 1	17	17	T.B.D.	\$0	\$0	\$120,000	\$15,000	\$135,000	32	25
Saint Clair	25956	1965	Northeastern Energy Corp.	Rewalt-Teltow 1	18	17	T.B.D.	\$0	\$0	\$120,000	\$15,000	\$135,000	32	25
Saint Clair	19780	1955	Northeastern Energy Corp.	Teltow 1	18	17	T.B.D.	\$0	\$0	\$120,000	\$15,000	\$135,000	32	25
Saint Clair	21203	1958	Northeastern Energy Corp.	Teltow 1	18	17	T.B.D.	\$0	\$0	\$120,000	\$15,000	\$135,000	32	25
Saint Clair	20994	1958	Northeastern Energy Corp.	Waltos 2	19	17	T.B.D.	\$0	\$0	\$120,000	\$15,000	\$135,000	32	25
Saint Clair	20551	1957	Northeastern Energy Corp.	Waltos Et Al 1	17	17	T.B.D.	\$0	\$0	\$120,000	\$15,000	\$135,000	32	25
Saint Clair	22154	1960	Northeastern Energy Corp.	Karolak 0-1	20	17	T.B.D.	\$0	\$0	\$120,000	\$15,000	\$135,000	32	25
Saint Clair	22822	1960	Northeastern Energy Corp.	Llindke 0-4	15	17	T.B.D.	\$0	\$0	\$120,000	\$15,000	\$135,000	32	25
Saint Clair	22807	1960	Northeastern Energy Corp.	Lindke & Smith B-01	18	17	T.B.D.	\$0	\$0	\$120,000	\$15,000	\$135,000	32	25
Saint Clair	22847	1960	Northeastern Energy Corp.	Lindke & Smith B-02	15	17	T.B.D.	\$0	\$0	\$120,000	\$15,000	\$135,000	32	25
Saint Clair	22614	1960	Northeastern Energy Corp.	Lindke 0-3	19	17	T.B.D.	\$0	\$0	\$120,000	\$15,000	\$135,000	32	25
Saint Clair	22958	1961	Northeastern Energy Corp.	Lyszczk 04	15	17	T.B.D.	\$0	\$0	\$120,000	\$15,000	\$135,000	32	25
Saint Clair	22823	1960	Northeastern Energy Corp.	Lyszczk 0-2	19	17	T.B.D.	\$0	\$0	\$120,000	\$15,000	\$135,000	32	25
Saint Clair	22774	1961	Northeastern Energy Corp.	Shissler 1	18	17	T.B.D.	\$0	\$0	\$120,000	\$15,000	\$135,000	32	25
Saint Clair	22956	1961	Northeastern Energy Corp.	Shissler 2	16	17	T.B.D.	\$0	\$0	\$120,000	\$15,000	\$135,000	32	25
Saint Clair	22666	1960	Northeastern Energy Corp.	Smith Et Ux 1	17	17	T.B.D.	\$0	\$0	\$120,000	\$15,000	\$135,000	32	25
Saint Clair	22784	1961	Northeastern Energy Corp.	Smith Et Ux 2	19	17	T.B.D.	\$0	\$0	\$120,000	\$15,000	\$135,000	32	25
Saint Clair	22824	1960	Northeastern Energy Corp.	Smith Et Ux 3	16	17	T.B.D.	\$0	\$0	\$120,000	\$15,000	\$135,000	32	25
Saint Clair	23093	1961	Northeastern Energy Corp.	Smith Et Ux 4	16	17	T.B.D.	\$0	\$0	\$120,000	\$15,000	\$135,000	32	25
Saint Clair	23124	1961	Northeastern Energy Corp.	Voight B-01	20	17	T.B.D.	\$0	\$0	\$120,000	\$15,000	\$135,000	32	25
Saint Clair	22591	1960	Northeastern Energy Corp.	Chudy 0-1	18	17	T.B.D.	\$0	\$0	\$120,000	\$15,000	\$135,000	32	25

**TABLE III: ORPHAN WELL LIST FOR 2022
CATEGORY II WELLS - PRIORITIZED**

Projects are delineated by the alternately shaded and nonshaded groups.

COUNTY	PERMIT NUMBER	YEAR	COMPANY	WELL NAME & NUMBER	CAT II WELL SCORE	CAT II PROJ. SCORE	REMEDIAL ACTION	INTERIM RE- SPONSE	EVALUA- TION	PLUGGING COSTS	SITE RESTORA- TION	TOTAL COSTS	STATE HOUSE	STATE SENATE
Saint Clair	21266	1959	Northeastern Energy Corp.	Czarota 1	19	17	T.B.D.	\$0	\$0	\$120,000	\$15,000	\$135,000	32	25
Saint Clair	21111	1958	Northeastern Energy Corp.	Kammer 1	19	17	T.B.D.	\$0	\$0	\$120,000	\$15,000	\$135,000	32	25
Saint Clair	21197	1958	Northeastern Energy Corp.	Kammer 1	17	17	T.B.D.	\$0	\$0	\$120,000	\$15,000	\$135,000	32	25
Saint Clair	21259	1958	Northeastern Energy Corp.	Kammer 2	17	17	T.B.D.	\$0	\$0	\$120,000	\$15,000	\$135,000	32	25
Saint Clair	21368	1959	Northeastern Energy Corp.	Kammer 2	15	17	T.B.D.	\$0	\$0	\$120,000	\$15,000	\$135,000	32	25
Saint Clair	21704	1960	Northeastern Energy Corp.	Lindke 0-2	17	17	T.B.D.	\$0	\$0	\$120,000	\$15,000	\$135,000	32	25
Saint Clair	21231	1958	Northeastern Energy Corp.	Lindke 1	14	17	T.B.D.	\$0	\$0	\$120,000	\$15,000	\$135,000	32	25
Saint Clair	22715	1960	Northeastern Energy Corp.	Schultz Et Ux 1	17	17	T.B.D.	\$0	\$0	\$120,000	\$15,000	\$135,000	32	25
Saint Clair	22772	1961	Northeastern Energy Corp.	Schulz Et Ux 2	16	17	T.B.D.	\$0	\$0	\$120,000	\$15,000	\$135,000	32	25
Saint Clair	21397	1959	Northeastern Energy Corp.	Baumgarten B-1	17	17	T.B.D.	\$0	\$0	\$120,000	\$15,000	\$135,000	32	25
Saint Clair	21879	1959	Northeastern Energy Corp.	Baumgarten C-0-1	19	17	T.B.D.	\$0	\$0	\$120,000	\$15,000	\$135,000	32	25
Saint Clair	21718	1959	Northeastern Energy Corp.	Blaszczak B0-1	14	17	T.B.D.	\$0	\$0	\$120,000	\$15,000	\$135,000	32	25
Saint Clair	21374	1959	Northeastern Energy Corp.	Blaszczak 1	17	17	T.B.D.	\$0	\$0	\$120,000	\$15,000	\$135,000	32	25
Saint Clair	23884	1962	Northeastern Energy Corp.	Ignasiak-Matuja 1	19	17	T.B.D.	\$0	\$0	\$120,000	\$15,000	\$135,000	32	25
Saint Clair	24126	1962	Northeastern Energy Corp.	Ignasiak-Matuja 2	16	17	T.B.D.	\$0	\$0	\$120,000	\$15,000	\$135,000	32	25
Saint Clair	23355	1961	Northeastern Energy Corp.	Jablonski 01	17	17	T.B.D.	\$0	\$0	\$120,000	\$15,000	\$135,000	32	25
Saint Clair	25404	1964	Northeastern Energy Corp.	Jablonski 2	16	17	T.B.D.	\$0	\$0	\$120,000	\$15,000	\$135,000	32	25
Saint Clair	21570	1959	Northeastern Energy Corp.	Reske Et Al 0-1	15	17	T.B.D.	\$0	\$0	\$120,000	\$15,000	\$135,000	32	25
Saint Clair	17534	1952	Northeastern Energy Corp.	Ringel Comm 1	15	17	T.B.D.	\$0	\$0	\$120,000	\$15,000	\$135,000	32	25
Saint Clair	21319	1960	Northeastern Energy Corp.	Ringel 0-3	15	17	T.B.D.	\$0	\$0	\$120,000	\$15,000	\$135,000	32	25
Saint Clair	21899	1959	Northeastern Energy Corp.	Ringel 0-2	17	17	T.B.D.	\$0	\$0	\$120,000	\$15,000	\$135,000	32	25
Saint Clair	22718	1960	Northeastern Energy Corp.	Taetz 02	18	17	T.B.D.	\$0	\$0	\$120,000	\$15,000	\$135,000	32	25
Saint Clair	17717	1959	Northeastern Energy Corp.	Weiss Comm B-1	17	17	T.B.D.	\$0	\$0	\$120,000	\$15,000	\$135,000	32	25
Saint Clair	23845	1962	Northeastern Energy Corp.	Fish 2	19	16	T.B.D.	\$0	\$0	\$120,000	\$15,000	\$135,000	32	25
Saint Clair	23345	1961	Northeastern Energy Corp.	Kammer 1	18	16	T.B.D.	\$0	\$0	\$120,000	\$15,000	\$135,000	32	25
Saint Clair	22964	1961	Northeastern Energy Corp.	Schomburg & Bousson Unit 1	15	16	T.B.D.	\$0	\$0	\$120,000	\$15,000	\$135,000	32	25
Saint Clair	23151	1961	Northeastern Energy Corp.	Schomburg & Bousson Unit 2	17	16	T.B.D.	\$0	\$0	\$120,000	\$15,000	\$135,000	32	25
Saint Clair	23097	1961	Northeastern Energy Corp.	Smith 5	17	16	T.B.D.	\$0	\$0	\$120,000	\$15,000	\$135,000	32	25
Saint Clair	23041	1961	Northeastern Energy Corp.	Smith Et Ux 6	17	16	T.B.D.	\$0	\$0	\$120,000	\$15,000	\$135,000	32	25
Saint Clair	23012	1961	Northeastern Energy Corp.	Spurlock 1	18	16	T.B.D.	\$0	\$0	\$120,000	\$15,000	\$135,000	32	25
Saint Clair	23040	1961	Northeastern Energy Corp.	Spurlock 2	16	16	T.B.D.	\$0	\$0	\$120,000	\$15,000	\$135,000	32	25
Saint Clair	23081	1961	Northeastern Energy Corp.	Teutsch 1	19	16	T.B.D.	\$0	\$0	\$120,000	\$15,000	\$135,000	32	25
Saint Clair	23463	1961	Northeastern Energy Corp.	Thueme 1	PC	16	T.B.D.	\$0	\$0	\$0	\$15,000	\$15,000	32	25
Saint Clair	23958	1962	Northeastern Energy Corp.	Edge & Schlottman Et al #1	15	16	T.B.D.	\$0	\$0	\$120,000	\$15,000	\$135,000	32	25
Macomb	29994	1974	Energex Petroleum	Jones Unit 1-30	19	16	T.B.D.	\$0	\$0	\$120,000	\$15,000	\$135,000	36	8

**TABLE III: ORPHAN WELL LIST FOR 2022
CATEGORY II WELLS - PRIORITIZED**

Projects are delineated by the alternately shaded and nonshaded groups.

COUNTY	PERMIT NUMBER	YEAR	COMPANY	WELL NAME & NUMBER	CAT II WELL SCORE	CAT II PROJ. SCORE	REMEDIAL ACTION	INTERIM RE- SPONSE	EVALUA- TION	PLUGGING COSTS	SITE RESTORA- TION	TOTAL COSTS	STATE HOUSE	STATE SENATE
Macomb	30518	1975	Energex Petroleum	Ross Unit 1-31	17	16	T.B.D.	\$0	\$0	\$120,000	\$15,000	\$135,000	36	8
Oakland	32168	1978	Energex Petroleum	Lanphar 1-12	16	16	T.B.D.	\$0	\$0	\$120,000	\$15,000	\$135,000	46	12
Oakland	32366	1979	Energex Petroleum	Lanphar 2-12	16	16	T.B.D.	\$0	\$0	\$120,000	\$15,000	\$135,000	46	12
Oakland	32541	1978	Energex Petroleum	Lanphar 3-12	16	16	T.B.D.	\$0	\$0	\$120,000	\$15,000	\$135,000	46	12
Oakland	32579	1979	Energex Petroleum	Morris 4-12	16	16	T.B.D.	\$0	\$0	\$120,000	\$15,000	\$135,000	46	12
Oakland	39257	1987	Energex Petroleum	Lanphar 7-12	16	16	T.B.D.	\$0	\$0	\$120,000	\$15,000	\$135,000	46	12
Saint Clair	24615	1963	Energex Petroleum	Marcinkiewicz 2	15	16	T.B.D.	\$0	\$0	\$120,000	\$15,000	\$135,000	32	25
Saint Clair	24616	1963	Energex Petroleum	Stoltz 2	14	16	T.B.D.	\$0	\$0	\$120,000	\$15,000	\$135,000	32	25
Montcalm	60175-3186	2011	New Haven Energy	Plank 1-1 Re-Entry	13	16	T.B.D.	\$0	\$0	\$80,000	\$10,000	\$90,000	70	33
Gratiot	3696	1936	New Haven Energy	Browne 1	16	16	T.B.D.	\$0	\$0	\$80,000	\$10,000	\$90,000	93	33
Gratiot	22134	1960	New Haven Energy	NH 13	16	16	T.B.D.	\$0	\$0	\$80,000	\$10,000	\$90,000	93	33
Gratiot	27638	1969	New Haven Energy	NH 333-A	14	16	T.B.D.	\$0	\$0	\$80,000	\$10,000	\$90,000	93	33
Gratiot	3537	1936	New Haven Energy	Smith 2	14	16	T.B.D.	\$0	\$0	\$80,000	\$10,000	\$90,000	93	33
Gratiot	31581	1977	New Haven Energy	NH 161-A	13	16	T.B.D.	\$0	\$0	\$80,000	\$10,000	\$90,000	93	33
Gratiot	22126	1960	New Haven Energy	NH 5	14	16	T.B.D.	\$0	\$0	\$80,000	\$10,000	\$90,000	93	33
Gratiot	22128	1961	New Haven Energy	NH 7	16	16	T.B.D.	\$0	\$0	\$80,000	\$10,000	\$90,000	93	33
Gratiot	22129	1960	New Haven Energy	NH 8	14	16	T.B.D.	\$0	\$0	\$80,000	\$10,000	\$90,000	93	33
Gratiot	22130	1960	New Haven Energy	NH 9	15	16	T.B.D.	\$0	\$0	\$80,000	\$10,000	\$90,000	93	33
Gratiot	22127	1960	New Haven Energy	Shaver 6	16	16	T.B.D.	\$0	\$0	\$80,000	\$10,000	\$90,000	93	33
Gratiot	3294	1936	New Haven Energy	Shaver 1	15	16	T.B.D.	\$0	\$0	\$80,000	\$10,000	\$90,000	93	33
Gratiot	3418	1936	New Haven Energy	Shaver 2	17	16	T.B.D.	\$0	\$0	\$80,000	\$10,000	\$90,000	93	33
Gratiot	3541	1936	New Haven Energy	Shaver 5	15	16	T.B.D.	\$0	\$0	\$80,000	\$10,000	\$90,000	93	33
Gratiot	3284	1936	New Haven Energy	Shaver B-3B	17	16	T.B.D.	\$0	\$0	\$80,000	\$10,000	\$90,000	93	33
Gratiot	3585	1936	New Haven Energy	Shaver B6	16	16	T.B.D.	\$0	\$0	\$80,000	\$10,000	\$90,000	93	33
Gratiot	3355	1936	New Haven Energy	Shaver 1	18	16	T.B.D.	\$0	\$0	\$80,000	\$10,000	\$90,000	93	33
Gratiot	21608	1960	New Haven Energy	Shaver RB 3	14	16	T.B.D.	\$0	\$0	\$80,000	\$10,000	\$90,000	93	33
Gratiot	21611	1936	New Haven Energy	Shaver 7	15	16	T.B.D.	\$0	\$0	\$80,000	\$10,000	\$90,000	93	33
Gratiot	32441	1978	New Haven Energy	NH 350-A Teed	15	16	T.B.D.	\$0	\$0	\$80,000	\$10,000	\$90,000	93	33
Gratiot	26779	1967	New Haven Energy	Shuttleworth 1	16	16	T.B.D.	\$0	\$0	\$80,000	\$10,000	\$90,000	93	33
Gratiot	30884	1976	New Haven Energy	NH 162-A	14	16	T.B.D.	\$0	\$0	\$80,000	\$10,000	\$90,000	93	33
Gratiot	23452	1961	New Haven Energy	NH 18	17	16	T.B.D.	\$0	\$0	\$80,000	\$10,000	\$90,000	93	33
Gratiot	22186	1960	New Haven Energy	NH D-2	15	16	T.B.D.	\$0	\$0	\$80,000	\$10,000	\$90,000	93	33
Gratiot	3641	1936	New Haven Energy	Stoffs 1	16	16	T.B.D.	\$0	\$0	\$80,000	\$10,000	\$90,000	93	33
Gratiot	3899	1937	New Haven Energy	Standish 1	18	16	T.B.D.	\$0	\$0	\$80,000	\$10,000	\$90,000	93	33
Gratiot	3630	1936	New Haven Energy	F.M. Brown 1	15	16	T.B.D.	\$0	\$0	\$80,000	\$10,000	\$90,000	93	33

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Gratiot	22132	1960	New Haven Energy	NH 11	16	16	T.B.D.	\$0	\$0	\$80,000	\$10,000	\$90,000	93	33
Gratiot	22133	1960	New Haven Energy	NH 12	16	16	T.B.D.	\$0	\$0	\$80,000	\$10,000	\$90,000	93	33
Gratiot	22135	1960	New Haven Energy	NH 14	16	16	T.B.D.	\$0	\$0	\$80,000	\$10,000	\$90,000	93	33
Gratiot	30886	1976	New Haven Energy	NH 328-A	15	16	T.B.D.	\$0	\$0	\$80,000	\$10,000	\$90,000	93	33
Gratiot	32242	1978	New Haven Energy	NH 357-A	14	16	T.B.D.	\$0	\$0	\$80,000	\$10,000	\$90,000	93	33
Gratiot	23453	1961	New Haven Energy	NH 15	16	16	T.B.D.	\$0	\$0	\$80,000	\$10,000	\$90,000	93	33
Gratiot	8395	1941	New Haven Energy	Wanamaker 1	16	16	T.B.D.	\$0	\$0	\$80,000	\$10,000	\$90,000	93	33
Gratiot	22122	1960	New Haven Energy	NH 1	15	16	T.B.D.	\$0	\$0	\$80,000	\$10,000	\$90,000	93	33
Gratiot	22185	1960	New Haven Energy	NH D-1	15	16	T.B.D.	\$0	\$0	\$80,000	\$10,000	\$90,000	93	33
Gratiot	6719	1939	New Haven Energy	Forguer 1	15	16	T.B.D.	\$0	\$0	\$80,000	\$10,000	\$90,000	93	33
Gratiot	22123	1960	New Haven Energy	NH 2	19	16	T.B.D.	\$0	\$0	\$80,000	\$10,000	\$90,000	93	33
Gratiot	22124	1960	New Haven Energy	NH 3	17	16	T.B.D.	\$0	\$0	\$80,000	\$10,000	\$90,000	93	33
Gratiot	22125	1960	New Haven Energy	NH 4	16	16	T.B.D.	\$0	\$0	\$80,000	\$10,000	\$90,000	93	33
Gratiot	5019	1938	New Haven Energy	Stoughton	15	16	T.B.D.	\$0	\$0	\$80,000	\$10,000	\$90,000	93	33
Calhoun	58342	2007	Rainbow Oil & Gas	Martin 1-12	15	15	T.B.D.	\$0	\$0	\$100,000	\$10,000	\$110,000	63	19
Calhoun	59013	2008	Rainbow Oil & Gas	Warner 2-7	15	15	T.B.D.	\$0	\$0	\$100,000	\$85,000	\$185,000	62	19
Mecosta	16555	1951	Cities Service Oil Company	Peter MacFarlane 1	15	15	T.B.D.	\$0	\$0	\$100,000	\$10,000	\$110,000	102	33
Newaygo	40936	1988	Country Boy Oil Company	Walch 1-32	13	14	T.B.D.	\$0	\$0	\$100,000	\$10,000	\$110,000	100	34
Newaygo	54728	2002	Country Boy Oil Company	Walch 4-4	14	14	T.B.D.	\$0	\$0	\$100,000	\$10,000	\$110,000	100	34
Newaygo	54852	2002	Country Boy Oil Company	Walch 5-4	14	14	T.B.D.	\$0	\$0	\$100,000	\$10,000	\$110,000	100	34
Oceana	55341	2002	Oceana Production	Brown 2-25	14	14	T.B.D.	\$0	\$0	\$100,000	\$50,000	\$150,000	100	34
Newaygo	57401	2007	Oceana Production	Enders 1	14	14	T.B.D.	\$0	\$0	\$75,000	\$30,000	\$105,000	100	34
Newaygo	26015	1968	Beck, George	Peets 1	12	12	T.B.D.	\$0	\$0	\$100,000	\$10,000	\$110,000	100	34
Saint Clair	28561	1971	Mineral Dredge LLC	Warrington Thomas 1	12	14	T.B.D.	\$0	\$0	\$100,000	\$25,000	\$125,000	81	25
Saint Clair	24505	1962	Venture Oil and Gas	Thueme 1A	20	14	T.B.D.	\$0	\$0	\$110,000	\$30,000	\$140,000	32	25
Saint Clair	506	1929	Patterson, BP Trustee	Routley 1	11	14	T.B.D.	\$0	\$0	\$225,000	\$50,000	\$275,000	83	25
Hillsdale	37796	1984	Rainbow Oil & Gas	Arco & Winner 1-27	15	13	T.B.D.	\$0	\$0	\$100,000	\$10,000	\$110,000	58	16
Hillsdale	37942	1984	Rainbow Oil & Gas	Flick 1-16	12	13	T.B.D.	\$0	\$0	\$100,000	\$10,000	\$110,000	58	16
Hillsdale	37888	1984	Rainbow Oil & Gas	Flick 1-21	12	13	T.B.D.	\$0	\$0	\$100,000	\$300,000	\$400,000	58	16
Hillsdale	38407	1984	Rainbow Oil & Gas	Flick 2-16	12	13	T.B.D.	\$0	\$0	\$100,000	\$10,000	\$110,000	58	16
Hillsdale	38651	1985	Rainbow Oil & Gas	Flick 6-16	12	13	T.B.D.	\$0	\$0	\$100,000	\$10,000	\$110,000	58	16
Hillsdale	41457	1988	Rainbow Oil & Gas	Fort 6-17	12	13	T.B.D.	\$0	\$0	\$100,000	\$10,000	\$110,000	58	16
Hillsdale	40120	1986	Rainbow Oil & Gas	Kimble & Sharp 2-21A	14	13	T.B.D.	\$0	\$0	\$100,000	\$10,000	\$110,000	58	16
Hillsdale	39614	1986	Rainbow Oil & Gas	Kimble & Mayo 4-21	16	13	T.B.D.	\$0	\$0	\$100,000	\$10,000	\$110,000	58	16
Hillsdale	39227	1985	Rainbow Oil & Gas	Mayo & Smith 1-21A	14	13	T.B.D.	\$0	\$0	\$100,000	\$10,000	\$110,000	58	16

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Hillsdale	42270	1989	Rainbow Oil & Gas	Morgan 2-17	10	13	T.B.D.	\$0	\$0	\$100,000	\$10,000	\$110,000	58	16
Hillsdale	41482	1988	Rainbow Oil & Gas	Warner 1-17	11	13	T.B.D.	\$0	\$0	\$100,000	\$10,000	\$110,000	58	16
Hillsdale	42219	1989	Rainbow Oil & Gas	Warner 2-17	10	13	T.B.D.	\$0	\$0	\$100,000	\$10,000	\$110,000	58	16
Arenac	9699	1942	Hankins Taylor C	Zurvitski, J 1	14	12	T.B.D.	\$0	\$0	\$100,000	\$10,000	\$110,000	97	36
Bay	1016	1930	Eureka Oil Corp	Lambert-Cloverleaf 1	11	12	T.B.D.	\$0	\$0	\$150,000	\$10,000	\$160,000	98	31
Saginaw	3996	1937	T.F Caldwell Inc.	Birch Run State Bank 1	11	12	T.B.D.	\$0	\$0	\$150,000	\$30,000	\$180,000	94	32
Sanilac	966	1930	K-Bar Oil & Gas	Kolodziej 1	11	12	T.B.D.	\$0	\$0	\$150,000	\$10,000	\$160,000	83	25
Tuscola	64	1928	Murphy Oil Co.	Gottler, Adam 1	11	12	T.B.D.	\$0	\$0	\$180,000	\$30,000	\$210,000	84	31
Isabella	471	1929	McCandless, J.	Bufford 1	11	12	T.B.D.	\$0	\$0	\$180,000	\$20,000	\$200,000	99	33
Isabella	7669	1940	McClanahan Oil Co	Nixon 4	18	12	T.B.D.	\$0	\$0	\$120,000	\$20,000	\$140,000	99	33
Otsego	60296	2011	Putnam Energy LLC	Fieldstone Partners 2-23	12	12	T.B.D.	\$0	\$0	\$100,000	\$50,000	\$150,000	105	36
Washtenaw	1051	1930	Villette, Alfred	Atchinson 1	12	11	T.B.D.	\$0	\$0	\$120,000	\$25,000	\$145,000	97	36
Calhoun	29555	1974	James Koyl	Koyl 4-15	11	11	T.B.D.	\$0	\$0	\$60,000	\$10,000	\$70,000	62	19
Calhoun	32917	1979	Paul Piepkow	Piepkow 2-12	11	11	T.B.D.	\$0	\$0	\$60,000	\$10,000	\$70,000	62	19
Lapeer	28086	1970	Kern, Yvonne	Kern 1	10 PC	11	T.B.D.	\$0	\$0	\$0	\$50,000	\$50,000	82	25
Wexford	N/A	1931	Unknown	Cummer Diggins Location	11	9	T.B.D.	\$0	\$0	\$120,000	\$10,000	\$130,000	102	35
Lake	60949	2014	Sibley, Larry Oil and Gas Co	State Peacock et al 1-17	10	9	T.B.D.	\$0	\$0	\$60,000	\$10,000	\$70,000	100	35
Manistee	39990	1986	Alumni Petroleum and Resource Management Corp.	Marshall Enterprises 1-23C	7 PC	9	T.B.D.	\$0	\$0	\$0	\$25,000	\$25,000	101	35
Charlevoix	55268	2004	Northstar Energy	State Chandler & Obrien B3-36	13	12	T.B.D.	\$0	\$0	\$20,000	\$10,000	\$30,000	105	37
Charlevoix	58004	2006	Northstar Energy	Dayton A-34	12	12	T.B.D.	\$0	\$0	\$20,000	\$10,000	\$30,000	105	37
Charlevoix	58005	2007	Northstar Energy	Dye A3-35	11	12	T.B.D.	\$0	\$0	\$20,000	\$10,000	\$30,000	105	37
Charlevoix	58252	2007	Northstar Energy	O'Brien B3-36 SWD	13	12	T.B.D.	\$0	\$0	\$25,000	\$15,000	\$40,000	105	37
Charlevoix	58254	2005	Northstar Energy	Siegrist B1-35	10	12	T.B.D.	\$0	\$0	\$20,000	\$10,000	\$30,000	105	37
Charlevoix	58255	2007	Northstar Energy	Siegrist C1-35	11	12	T.B.D.	\$0	\$0	\$20,000	\$10,000	\$30,000	105	37
Charlevoix	58286	2007	Northstar Energy	Siegrist B2-35	12	12	T.B.D.	\$0	\$0	\$20,000	\$10,000	\$30,000	105	37
Charlevoix	58307	2007	Northstar Energy	Matelski A1-36	13	12	T.B.D.	\$0	\$0	\$20,000	\$10,000	\$30,000	105	37
Charlevoix	58349	2007	Northstar Energy	Howard A2-26	9	12	T.B.D.	\$0	\$0	\$20,000	\$10,000	\$30,000	105	37
Charlevoix	58350-3094*	2007	Northstar Energy	Howard D2-26	14	12	T.B.D.	\$0	\$0	\$125,000	\$20,000	\$145,000	105	37
Charlevoix	58351	2007	Northstar Energy	Howard C1-26	12	12	T.B.D.	\$0	\$0	\$20,000	\$10,000	\$30,000	105	37
Charlevoix	58420	2007	Northstar Energy	State Chandler & Drenth B1-26	12	12	T.B.D.	\$0	\$0	\$20,000	\$10,000	\$30,000	105	37
Charlevoix	58421	2007	Northstar Energy	Howard C1-26 SWD	10	12	T.B.D.	\$0	\$0	\$25,000	\$15,000	\$40,000	105	37
Charlevoix	58487	2007	Northstar Energy	State Chandler & Drenth B3-26	11	12	T.B.D.	\$0	\$0	\$20,000	\$10,000	\$30,000	105	37
Charlevoix	58493	2007	Northstar Energy	Miller D4-27	11	12	T.B.D.	\$0	\$0	\$20,000	\$10,000	\$30,000	105	37
Charlevoix	51026	1998	Northstar Energy	Kosc C4-34	13	12	T.B.D.	\$0	\$0	\$20,000	\$10,000	\$30,000	105	37

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Charlevoix	55709	2003	Northstar Energy	Sevenski A1-32	12	12	T.B.D.	\$0	\$0	\$20,000	\$10,000	\$30,000	105	37
Charlevoix	55711	2004	Northstar Energy	State Hudson & Wasyleski C3-28	14	12	T.B.D.	\$0	\$0	\$20,000	\$10,000	\$30,000	105	37
Charlevoix	55712-2923*	2004	Northstar Energy	Sevenski D2-28	16	12	T.B.D.	\$0	\$0	\$125,000	\$20,000	\$145,000	105	37
Charlevoix	55714	2004	Northstar Energy	Frontier SHR B4-33	12	12	T.B.D.	\$0	\$0	\$20,000	\$10,000	\$30,000	105	37
Charlevoix	55717	2004	Northstar Energy	Frontier SHR B1-34	11	12	T.B.D.	\$0	\$0	\$20,000	\$10,000	\$30,000	105	37
Charlevoix	55720	2005	Northstar Energy	Frontier SHR D3-34	13	12	T.B.D.	\$0	\$0	\$20,000	\$10,000	\$30,000	105	37
Charlevoix	55721	2004	Northstar Energy	Frontier SHR B1-35	14	12	T.B.D.	\$0	\$0	\$20,000	\$10,000	\$30,000	105	37
Charlevoix	55722	2004	Northstar Energy	State Hudson & Frontier SHR D1-35	12	12	T.B.D.	\$0	\$0	\$20,000	\$10,000	\$30,000	105	37
Charlevoix	55723	2004	Northstar Energy	Frontier SHR D2-35	12	12	T.B.D.	\$0	\$0	\$20,000	\$10,000	\$30,000	105	37
Charlevoix	55724	2004	Northstar Energy	State Hudson & Frontier SHR D3-35	12	12	T.B.D.	\$0	\$0	\$20,000	\$10,000	\$30,000	105	37
Charlevoix	55726	2004	Northstar Energy	Sevenski 1-28 SWD	12	12	T.B.D.	\$0	\$0	\$25,000	\$15,000	\$40,000	105	37
Charlevoix	55749	2004	Northstar Energy	State Hudson A1-29	11	12	T.B.D.	\$0	\$0	\$20,000	\$10,000	\$30,000	105	37
Charlevoix	55753	2004	Northstar Energy	State Hudson & Frontier SHR C3-35	10	12	T.B.D.	\$0	\$0	\$20,000	\$10,000	\$30,000	105	37
Charlevoix	55754	2005	Northstar Energy	Frontier SHR B2-27	12	12	T.B.D.	\$0	\$0	\$20,000	\$10,000	\$30,000	105	37
Charlevoix	55755	2004	Northstar Energy	Frontier SHR C4-33	10	12	T.B.D.	\$0	\$0	\$20,000	\$10,000	\$30,000	105	37
Charlevoix	55851	2004	Northstar Energy	Frontier SHR C1-30	12	12	T.B.D.	\$0	\$0	\$20,000	\$10,000	\$30,000	105	37
Charlevoix	55978	2004	Northstar Energy	Kosc 9-34 SWD	13	12	T.B.D.	\$0	\$0	\$25,000	\$15,000	\$40,000	105	37
Charlevoix	56044	2004	Northstar Energy	State Hudson & bell D2-29	13	12	T.B.D.	\$0	\$0	\$20,000	\$10,000	\$30,000	105	37
Charlevoix	56050	2004	Northstar Energy	Mead B2-32	12	12	T.B.D.	\$0	\$0	\$20,000	\$10,000	\$30,000	105	37
Charlevoix	56083	2004	Northstar Energy	Frontier SHR A3-23	13	12	T.B.D.	\$0	\$0	\$20,000	\$10,000	\$30,000	105	37
Charlevoix	56121	2004	Northstar Energy	Zawistowski B3-34	15	12	T.B.D.	\$0	\$0	\$20,000	\$10,000	\$30,000	105	37
Charlevoix	56122	2004	Northstar Energy	Oelke A2-35	13	12	T.B.D.	\$0	\$0	\$20,000	\$10,000	\$30,000	105	37
Charlevoix	56123	2004	Northstar Energy	Frontier SHR A3-35	12	12	T.B.D.	\$0	\$0	\$20,000	\$10,000	\$30,000	105	37
Charlevoix	56124	2004	Northstar Energy	Frontier SHR A4-35	13	12	T.B.D.	\$0	\$0	\$20,000	\$10,000	\$30,000	105	37
Charlevoix	56125	2004	Northstar Energy	Frontier SHR C1-35	13	12	T.B.D.	\$0	\$0	\$20,000	\$10,000	\$30,000	105	37
Charlevoix	56126	2004	Northstar Energy	Frontier SHR C2-35	11	12	T.B.D.	\$0	\$0	\$20,000	\$10,000	\$30,000	105	37
Charlevoix	56240-2989*	2004	Northstar Energy	Frontier SHR D1-15	15	12	T.B.D.	\$0	\$0	\$125,000	\$20,000	\$145,000	105	37
Charlevoix	56241	2004	Northstar Energy	Frontier SHR C3-15	12	12	T.B.D.	\$0	\$0	\$20,000	\$10,000	\$30,000	105	37
Charlevoix	56242	2004	Northstar Energy	Frontier SHR A1-15	9	12	T.B.D.	\$0	\$0	\$20,000	\$10,000	\$30,000	105	37
Charlevoix	56243	2004	Northstar Energy	Frontier SHR A4-15	11	12	T.B.D.	\$0	\$0	\$20,000	\$10,000	\$30,000	105	37
Charlevoix	56244	2004	Northstar Energy	State Hudson & Frontier SHR A4-14	11	12	T.B.D.	\$0	\$0	\$20,000	\$10,000	\$30,000	105	37
Charlevoix	56245	2004	Northstar Energy	Frontier SHR B1-14	13	12	T.B.D.	\$0	\$0	\$20,000	\$10,000	\$30,000	105	37
Charlevoix	56246	2004	Northstar Energy	Frontier SHR B3-14	11	12	T.B.D.	\$0	\$0	\$20,000	\$10,000	\$30,000	105	37
Charlevoix	56247	2004	Northstar Energy	Frontier SHR A4-22	12	12	T.B.D.	\$0	\$0	\$20,000	\$10,000	\$30,000	105	37
Charlevoix	56249	2004	Northstar Energy	Frontier SHR A2-23	13	12	T.B.D.	\$0	\$0	\$20,000	\$10,000	\$30,000	105	37

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CATEGORY II WELLS - PRIORITIZED**

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COUNTY	PERMIT NUMBER	YEAR	COMPANY	WELL NAME & NUMBER	CAT II WELL SCORE	CAT II PROJ. SCORE	REMEDIAL ACTION	INTERIM RE- SPONSE	EVALUA- TION	PLUGGING COSTS	SITE RESTORA- TION	TOTAL COSTS	STATE HOUSE	STATE SENATE
Charlevoix	56250	2004	Northstar Energy	Frontier SHR B2-23	12	12	T.B.D.	\$0	\$0	\$20,000	\$10,000	\$30,000	105	37
Charlevoix	56251	2005	Northstar Energy	State Hudson & Frontier SHR C4-23	10	11	T.B.D.	\$0	\$0	\$20,000	\$10,000	\$30,000	105	37
Charlevoix	56319	2004	Northstar Energy	State Hudson C1-29	12	11	T.B.D.	\$0	\$0	\$20,000	\$10,000	\$30,000	105	37
Charlevoix	56320	2005	Northstar Energy	Frontier SHR A2-30	10	11	T.B.D.	\$0	\$0	\$20,000	\$10,000	\$30,000	105	37
Charlevoix	56321	2004	Northstar Energy	Frontier SHR C3-30	10	11	T.B.D.	\$0	\$0	\$20,000	\$10,000	\$30,000	105	37
Charlevoix	56322	2005	Northstar Energy	Frontier SHR B4-30	10	11	T.B.D.	\$0	\$0	\$20,000	\$10,000	\$30,000	105	37
Charlevoix	56323	2005	Northstar Energy	Frontier SHR 8-30 SWD	PC	11	T.B.D.	\$0	\$0	\$0	\$10,000	\$10,000	105	37
Charlevoix	56324	2005	Northstar Energy	Boyne Valley Estates D4-30	12	11	T.B.D.	\$0	\$0	\$20,000	\$10,000	\$30,000	105	37
Charlevoix	56325	2005	Northstar Energy	Frontier SHR A1-31	11	11	T.B.D.	\$0	\$0	\$20,000	\$10,000	\$30,000	105	37
Charlevoix	56326	2004	Northstar Energy	State Hudson A3-31	13	11	T.B.D.	\$0	\$0	\$20,000	\$10,000	\$30,000	105	37
Charlevoix	56327	2006	Northstar Energy	Lamy C3-31	12	11	T.B.D.	\$0	\$0	\$20,000	\$10,000	\$30,000	105	37
Charlevoix	56328	2005	Northstar Energy	Frontier SHR D4-31	11	11	T.B.D.	\$0	\$0	\$20,000	\$10,000	\$30,000	105	37
Charlevoix	56329	2005	Northstar Energy	Czerkies A4-32	13	11	T.B.D.	\$0	\$0	\$20,000	\$10,000	\$30,000	105	37
Charlevoix	56330	2004	Northstar Energy	Stae Hudson C1-32	12	11	T.B.D.	\$0	\$0	\$20,000	\$10,000	\$30,000	105	37
Charlevoix	56379	2005	Northstar Energy	Frontier SHR B2-23 SWD	12	11	T.B.D.	\$0	\$0	\$25,000	\$15,000	\$40,000	105	37
Charlevoix	56453	2004	Northstar Energy	Aurora D1-15 SWD	10	11	T.B.D.	\$0	\$0	\$25,000	\$15,000	\$40,000	105	37
Charlevoix	56502	2006	Northstar Energy	State Hudson A2-33	15	11	T.B.D.	\$0	\$0	\$20,000	\$10,000	\$30,000	105	37
Charlevoix	56503	2005	Northstar Energy	Frontier SHR B4-28	10	11	T.B.D.	\$0	\$0	\$20,000	\$10,000	\$30,000	105	37
Charlevoix	56504	2005	Northstar Energy	Frontier SHR A1-27	10	11	T.B.D.	\$0	\$0	\$20,000	\$10,000	\$30,000	105	37
Charlevoix	56572	2005	Northstar Energy	Star Commonwealth C4-12	10	11	T.B.D.	\$0	\$0	\$20,000	\$10,000	\$30,000	105	37
Charlevoix	56573	2006	Northstar Energy	State Hudson & Star Commonwealth D3-12	9	11	T.B.D.	\$0	\$0	\$20,000	\$10,000	\$30,000	105	37
Charlevoix	56588	2005	Northstar Energy	Frontier SHR A4-33	12	11	T.B.D.	\$0	\$0	\$20,000	\$10,000	\$30,000	105	37
Charlevoix	56591	2006	Northstar Energy	Frontier SHR C3-15 SWD	13	11	T.B.D.	\$0	\$0	\$25,000	\$15,000	\$40,000	105	37
Charlevoix	56795	2005	Northstar Energy	Frontier SHR D1-20	10	11	T.B.D.	\$0	\$0	\$20,000	\$10,000	\$30,000	105	37
Charlevoix	56796	2005	Northstar Energy	Frontier SHR C1-20	9	11	T.B.D.	\$0	\$0	\$20,000	\$10,000	\$30,000	105	37
Charlevoix	56800	2005	Northstar Energy	Frontier SHR D4-15	12	11	T.B.D.	\$0	\$0	\$20,000	\$10,000	\$30,000	105	37
Charlevoix	56820	2005	Northstar Energy	Frontier SHR B3-17 SWD	14	11	T.B.D.	\$0	\$0	\$25,000	\$15,000	\$40,000	105	37
Charlevoix	56821	2005	Northstar Energy	Frontier SHR A3-15	11	11	T.B.D.	\$0	\$0	\$20,000	\$10,000	\$30,000	105	37
Charlevoix	56847	2005	Northstar Energy	Oliver & Frontier SHR D1-16	11	11	T.B.D.	\$0	\$0	\$20,000	\$10,000	\$30,000	105	37
Charlevoix	56848	2005	Northstar Energy	State Hudson & Smerczak B2-16	10	11	T.B.D.	\$0	\$0	\$20,000	\$10,000	\$30,000	105	37
Charlevoix	56849	2005	Northstar Energy	State Hudson & Smerczak B1-16	12	11	T.B.D.	\$0	\$0	\$20,000	\$10,000	\$30,000	105	37
Charlevoix	56850	2005	Northstar Energy	Frontier SHR C1-16	12	11	T.B.D.	\$0	\$0	\$20,000	\$10,000	\$30,000	105	37
Charlevoix	56853	2005	Northstar Energy	Frontier SHR C3-16	10	11	T.B.D.	\$0	\$0	\$20,000	\$10,000	\$30,000	105	37
Charlevoix	56854	2005	Northstar Energy	Frontier SHR C4-16	12	11	T.B.D.	\$0	\$0	\$20,000	\$10,000	\$30,000	105	37

**TABLE III: ORPHAN WELL LIST FOR 2022
CATEGORY II WELLS - PRIORITIZED**

Projects are delineated by the alternately shaded and nonshaded groups.

COUNTY	PERMIT NUMBER	YEAR	COMPANY	WELL NAME & NUMBER	CAT II WELL SCORE	CAT II PROJ. SCORE	REMEDIAL ACTION	INTERIM RE-SPONSE	EVALUATION	PLUGGING COSTS	SITE RESTORATION	TOTAL COSTS	STATE HOUSE	STATE SENATE
Charlevoix	56855	2005	Northstar Energy	Frontier SHR C1-15	14	11	T.B.D.	\$0	\$0	\$20,000	\$10,000	\$30,000	105	37
Charlevoix	56856	2005	Northstar Energy	Frontier SHR D3-15	13	11	T.B.D.	\$0	\$0	\$20,000	\$10,000	\$30,000	105	37
Charlevoix	56857	2005	Northstar Energy	Frontier SHR B2-15	12	11	T.B.D.	\$0	\$0	\$20,000	\$10,000	\$30,000	105	37
Charlevoix	56871	2005	Northstar Energy	Frontier SHR B2-30	9	11	T.B.D.	\$0	\$0	\$20,000	\$10,000	\$30,000	105	37
Charlevoix	56872	2005	Northstar Energy	Frontier SHR B1-30	11	11	T.B.D.	\$0	\$0	\$20,000	\$10,000	\$30,000	105	37
Charlevoix	56873	2006	Northstar Energy	Frontier SHR B2-31	10	11	T.B.D.	\$0	\$0	\$20,000	\$10,000	\$30,000	105	37
Charlevoix	56874	2005	Northstar Energy	Frontier SHR A3-30	10	11	T.B.D.	\$0	\$0	\$20,000	\$10,000	\$30,000	105	37
Charlevoix	56875	2005	Northstar Energy	Frontier SHR C4-31	11	11	T.B.D.	\$0	\$0	\$20,000	\$10,000	\$30,000	105	37
Charlevoix	56876	2005	Northstar Energy	Frontier SHR B1-30 SWD	11	11	T.B.D.	\$0	\$0	\$25,000	\$15,000	\$40,000	105	37
Charlevoix	56877	2005	Northstar Energy	Mead C4-32	11	11	T.B.D.	\$0	\$0	\$20,000	\$10,000	\$30,000	105	37
Charlevoix	56878	2005	Northstar Energy	Mead C3-32	12	11	T.B.D.	\$0	\$0	\$20,000	\$10,000	\$30,000	105	37
Charlevoix	56885	2005	Northstar Energy	Cassels B3-12	9	11	T.B.D.	\$0	\$0	\$20,000	\$10,000	\$30,000	105	37
Charlevoix	56886	2006	Northstar Energy	State Hudson B1-32	13	11	T.B.D.	\$0	\$0	\$20,000	\$10,000	\$30,000	105	37
Charlevoix	56908	2006	Northstar Energy	Superior Real Estate B2-28	12	11	T.B.D.	\$0	\$0	\$20,000	\$10,000	\$30,000	105	37
Charlevoix	56913	2005	Northstar Energy	Frontier SHR A4-20	13	11	T.B.D.	\$0	\$0	\$20,000	\$10,000	\$30,000	105	37
Charlevoix	56914-2968*	2005	Northstar Energy	Frontier SHR B3-20	15	11	T.B.D.	\$0	\$0	\$125,000	\$20,000	\$145,000	105	37
Charlevoix	56915	2005	Northstar Energy	Frontier SHR B3-20 SWD	11	11	T.B.D.	\$0	\$0	\$25,000	\$15,000	\$40,000	105	37
Charlevoix	56917	2005	Northstar Energy	Frontier SHR D3-23	9	11	T.B.D.	\$0	\$0	\$20,000	\$10,000	\$30,000	105	37
Charlevoix	56918	2005	Northstar Energy	Frontier SHR B1-15	10	11	T.B.D.	\$0	\$0	\$20,000	\$10,000	\$30,000	105	37
Charlevoix	56934	2005	Northstar Energy	Frontier SHR A3-22	11	11	T.B.D.	\$0	\$0	\$20,000	\$10,000	\$30,000	105	37
Charlevoix	56935	2005	Northstar Energy	Frontier SHR A1-21	10	11	T.B.D.	\$0	\$0	\$20,000	\$10,000	\$30,000	105	37
Charlevoix	56938	2005	Northstar Energy	State Hudson & Frontier SHR D3-21	10	11	T.B.D.	\$0	\$0	\$20,000	\$10,000	\$30,000	105	37
Charlevoix	56939	2005	Northstar Energy	State Hudson & Frontier SHR A3-16	8	11	T.B.D.	\$0	\$0	\$20,000	\$10,000	\$30,000	105	37
Charlevoix	56940	2005	Northstar Energy	Frontier SHR D4-20	10	11	T.B.D.	\$0	\$0	\$20,000	\$10,000	\$30,000	105	37
Charlevoix	56941	2005	Northstar Energy	Frontier SHR D1-21	12	11	T.B.D.	\$0	\$0	\$20,000	\$10,000	\$30,000	105	37
Charlevoix	56963	2005	Northstar Energy	Frontier SHR D1-22	11	11	T.B.D.	\$0	\$0	\$20,000	\$10,000	\$30,000	105	37
Charlevoix	56965	2005	Northstar Energy	State Hudson & Frontier SHR A4-16	9	11	T.B.D.	\$0	\$0	\$20,000	\$10,000	\$30,000	105	37
Charlevoix	56966	2005	Northstar Energy	Frontier SHR B4-14	12	11	T.B.D.	\$0	\$0	\$20,000	\$10,000	\$30,000	105	37
Charlevoix	56967	2005	Northstar Energy	Frontier SHR D3-16	15	11	T.B.D.	\$0	\$0	\$20,000	\$10,000	\$30,000	105	37
Cheboygan	55261	2006	Northstar Energy	State Wilmot D4-28	9	11	T.B.D.	\$0	\$0	\$20,000	\$10,000	\$30,000	106	37
Cheboygan	56378-23271*	2006	Northstar Energy	Ashley C2-34 SWD	14	11	T.B.D.	\$0	\$0	\$125,000	\$20,000	\$145,000	106	37
Cheboygan	56505-2979*	2005	Northstar Energy	Aurora B2-34 SWD	11	11	T.B.D.	\$0	\$0	\$125,000	\$20,000	\$145,000	106	37
Cheboygan	56589	2005	Northstar Energy	State Wilmot & Joles C3-33	11	11	T.B.D.	\$0	\$0	\$20,000	\$10,000	\$30,000	106	37
Cheboygan	56590	2005	Northstar Energy	State Wilmot B2-33	11	11	T.B.D.	\$0	\$0	\$20,000	\$10,000	\$30,000	106	37
Cheboygan	56747	2005	Northstar Energy	Ashley D2-34	13	11	T.B.D.	\$0	\$0	\$20,000	\$10,000	\$30,000	106	37

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CATEGORY II WELLS - PRIORITIZED**

Projects are delineated by the alternately shaded and nonshaded groups.

COUNTY	PERMIT NUMBER	YEAR	COMPANY	WELL NAME & NUMBER	CAT II WELL SCORE	CAT II PROJ. SCORE	REMEDIAL ACTION	INTERIM RE-SPONSE	EVALUATION	PLUGGING COSTS	SITE RESTORATION	TOTAL COSTS	STATE HOUSE	STATE SENATE
Cheboygan	56748	2005	Northstar Energy	Ashley C2-34 SWD	14	11	T.B.D.	\$0	\$0	\$25,000	\$15,000	\$40,000	106	37
Cheboygan	56787	2005	Northstar Energy	Flickinger A1-34	9	11	T.B.D.	\$0	\$0	\$20,000	\$10,000	\$30,000	106	37
Cheboygan	56788	2005	Northstar Energy	Flickinger B1-34	13	11	T.B.D.	\$0	\$0	\$20,000	\$10,000	\$30,000	106	37
Cheboygan	56869	2005	Northstar Energy	Joles C1-34	13	11	T.B.D.	\$0	\$0	\$20,000	\$10,000	\$30,000	106	37
Cheboygan	57118	2005	Northstar Energy	State Wilmot B4-32	9	11	T.B.D.	\$0	\$0	\$20,000	\$10,000	\$30,000	106	37
Cheboygan	57119	2005	Northstar Energy	State Wilmot A3-33	11	11	T.B.D.	\$0	\$0	\$20,000	\$10,000	\$30,000	106	37
Cheboygan	57120	2005	Northstar Energy	Apple Blossom B3-33	11	11	T.B.D.	\$0	\$0	\$20,000	\$10,000	\$30,000	106	37
Cheboygan	57121	2005	Northstar Energy	State Wilmot D2-33	11	11	T.B.D.	\$0	\$0	\$20,000	\$10,000	\$30,000	106	37
Cheboygan	57122	2005	Northstar Energy	State Wilmot D1-33	11	11	T.B.D.	\$0	\$0	\$20,000	\$10,000	\$30,000	106	37
Cheboygan	57123	2005	Northstar Energy	State Wilmot A1-33	11	11	T.B.D.	\$0	\$0	\$20,000	\$10,000	\$30,000	106	37
Cheboygan	57173	2006	Northstar Energy	Ashley C3-34	13	11	T.B.D.	\$0	\$0	\$20,000	\$10,000	\$30,000	106	37
Cheboygan	57612	2006	Northstar Energy	Flickinger B2-34	13	11	T.B.D.	\$0	\$0	\$20,000	\$10,000	\$30,000	106	37
Cheboygan	58060	2006	Northstar Energy	State Wilmot C1-33	11	11	T.B.D.	\$0	\$0	\$20,000	\$10,000	\$30,000	106	37
Cheboygan	58082	2006	Northstar Energy	Flickinger A2-34	11	11	T.B.D.	\$0	\$0	\$20,000	\$10,000	\$30,000	106	37
Cheboygan	58110	2006	Northstar Energy	State Wilmot A2-33	11	11	T.B.D.	\$0	\$0	\$20,000	\$10,000	\$30,000	106	37
Cheboygan	58111	2006	Northstar Energy	State Wilmot C4-34	11	11	T.B.D.	\$0	\$0	\$20,000	\$10,000	\$30,000	106	37
Cheboygan	58489	2007	Northstar Energy	Mikolon C3-35	12	11	T.B.D.	\$0	\$0	\$20,000	\$10,000	\$30,000	106	37
Cheboygan	58490	2007	Northstar Energy	Mikolon D3-35	12	11	T.B.D.	\$0	\$0	\$20,000	\$10,000	\$30,000	106	37
Charlevoix	57030	2005	Northstar Energy	Frontier SHR D3-31	10	10	T.B.D.	\$0	\$0	\$20,000	\$10,000	\$30,000	105	37
Charlevoix	57031	2006	Northstar Energy	State Hudson A4-31	13	10	T.B.D.	\$0	\$0	\$20,000	\$10,000	\$30,000	105	37
Charlevoix	57032	2005	Northstar Energy	Frontier SHR C1-31	10	10	T.B.D.	\$0	\$0	\$20,000	\$10,000	\$30,000	105	37
Charlevoix	57033	2006	Northstar Energy	Frontier SHR C2-27	13	10	T.B.D.	\$0	\$0	\$20,000	\$10,000	\$30,000	105	37
Charlevoix	57034	2006	Northstar Energy	Frontier SHR A3-27	10	10	T.B.D.	\$0	\$0	\$20,000	\$10,000	\$30,000	105	37
Charlevoix	57035	2005	Northstar Energy	Frontier SHR D1-19	12	10	T.B.D.	\$0	\$0	\$20,000	\$10,000	\$30,000	105	37
Charlevoix	57036	2005	Northstar Energy	Frontier SHR D4-19	10	10	T.B.D.	\$0	\$0	\$20,000	\$10,000	\$30,000	105	37
Charlevoix	57037	2005	Northstar Energy	Frontier SHR C1-19	10	10	T.B.D.	\$0	\$0	\$20,000	\$10,000	\$30,000	105	37
Charlevoix	57079	2005	Northstar Energy	Frontier SHR C4-20	15	10	T.B.D.	\$0	\$0	\$20,000	\$10,000	\$30,000	105	37
Charlevoix	57134	2005	Northstar Energy	Frontier SHR C4-21	13	10	T.B.D.	\$0	\$0	\$20,000	\$10,000	\$30,000	105	37
Charlevoix	57165	2005	Northstar Energy	Kuzmick A1-19	12	10	T.B.D.	\$0	\$0	\$20,000	\$10,000	\$30,000	105	37
Charlevoix	57166-2990*	2005	Northstar Energy	Kuzmick B2-19	14	10	T.B.D.	\$0	\$0	\$125,000	\$20,000	\$145,000	105	37
Charlevoix	57201	2006	Northstar Energy	Frontier SHR A2-26	10	10	T.B.D.	\$0	\$0	\$20,000	\$10,000	\$30,000	105	37
Charlevoix	57203	2005	Northstar Energy	Frontier SHR A4-21	12	10	T.B.D.	\$0	\$0	\$20,000	\$10,000	\$30,000	105	37
Charlevoix	57211	2005	Northstar Energy	Frontier SHR B3-21	11	10	T.B.D.	\$0	\$0	\$20,000	\$10,000	\$30,000	105	37
Charlevoix	57213	2005	Northstar Energy	Frontier SHR D1-31	11	10	T.B.D.	\$0	\$0	\$20,000	\$10,000	\$30,000	105	37
Charlevoix	57214	2006	Northstar Energy	State Hudson B4-17	13	10	T.B.D.	\$0	\$0	\$20,000	\$10,000	\$30,000	105	37

**TABLE III: ORPHAN WELL LIST FOR 2022
CATEGORY II WELLS - PRIORITIZED**

Projects are delineated by the alternately shaded and nonshaded groups.

COUNTY	PERMIT NUMBER	YEAR	COMPANY	WELL NAME & NUMBER	CAT II WELL SCORE	CAT II PROJ. SCORE	REMEDIAL ACTION	INTERIM RE-SPONSE	EVALUA-TION	PLUGGING COSTS	SITE RESTORA-TION	TOTAL COSTS	STATE HOUSE	STATE SENATE
Charlevoix	57233	2006	Northstar Energy	Frontier SHR D4-33	9	10	T.B.D.	\$0	\$0	\$20,000	\$10,000	\$30,000	105	37
Charlevoix	57272	2005	Northstar Energy	State Hudson & Frontier SHR B2-13	9	10	T.B.D.	\$0	\$0	\$20,000	\$10,000	\$30,000	105	37
Charlevoix	57278-2981*	2005	Northstar Energy	Frontier SHR C2-13	11	10	T.B.D.	\$0	\$0	\$125,000	\$20,000	\$145,000	105	37
Charlevoix	57294	2005	Northstar Energy	Frontier SHR A4-13	9	10	T.B.D.	\$0	\$0	\$20,000	\$10,000	\$30,000	105	37
Charlevoix	57420	2006	Northstar Energy	State Hudson & Frontier SHR C3-13	9	10	T.B.D.	\$0	\$0	\$20,000	\$10,000	\$30,000	105	37
Charlevoix	57832	2006	Northstar Energy	Frontier SHR A4-27	10	10	T.B.D.	\$0	\$0	\$20,000	\$10,000	\$30,000	105	37
Charlevoix	57833	2006	Northstar Energy	Frontier SHR C2-16	12	10	T.B.D.	\$0	\$0	\$20,000	\$10,000	\$30,000	105	37
Charlevoix	57971	2006	Northstar Energy	Frontier SHR C4-19	10	10	T.B.D.	\$0	\$0	\$20,000	\$10,000	\$30,000	105	37
Charlevoix	58026	2006	Northstar Energy	State Hudson B2-29	9	10	T.B.D.	\$0	\$0	\$20,000	\$10,000	\$30,000	105	37
Charlevoix	58065	2007	Northstar Energy	State Hudson A1-15 HD	9	10	T.B.D.	\$0	\$0	\$20,000	\$10,000	\$30,000	105	37
Charlevoix	58068	2007	Northstar Energy	State Hudson A4-15 HD	9	10	T.B.D.	\$0	\$0	\$20,000	\$10,000	\$30,000	105	37
Charlevoix	58069	2007	Northstar Energy	State Hudson A2-14 HD	11	10	T.B.D.	\$0	\$0	\$20,000	\$10,000	\$30,000	105	37
Charlevoix	58070	2007	Northstar Energy	State Hudson A2-15 HD	9	10	T.B.D.	\$0	\$0	\$20,000	\$10,000	\$30,000	105	37
Charlevoix	58100	2006	Northstar Energy	Frontier SHR C3-33	13	10	T.B.D.	\$0	\$0	\$20,000	\$10,000	\$30,000	105	37
Charlevoix	58148	2007	Northstar Energy	Frontier SHR A2-14	11	10	T.B.D.	\$0	\$0	\$20,000	\$10,000	\$30,000	105	37
Charlevoix	58154	2006	Northstar Energy	Frontier SHR A1-34	13	10	T.B.D.	\$0	\$0	\$20,000	\$10,000	\$30,000	105	37
Otsego	57665	2006	Northstar Energy	Swartout D3-6	8	10	T.B.D.	\$0	\$0	\$20,000	\$10,000	\$30,000	105	36
Otsego	57666	2006	Northstar Energy	Swartout C4-6	8	10	T.B.D.	\$0	\$0	\$20,000	\$10,000	\$30,000	105	36
Otsego	57759-3060*	2006	Northstar Energy	Griffith C2-5	12	10	T.B.D.	\$0	\$0	\$125,000	\$20,000	\$145,000	105	36
Otsego	57909	2006	Northstar Energy	Czykoski A2-8	10	10	T.B.D.	\$0	\$0	\$20,000	\$10,000	\$30,000	105	36
Otsego	58061	2006	Northstar Energy	State Corwith & Wilmot A3-4	10	10	T.B.D.	\$0	\$0	\$20,000	\$10,000	\$30,000	105	36
Otsego	58168	2006	Northstar Energy	Gornick A4-6	9	10	T.B.D.	\$0	\$0	\$20,000	\$10,000	\$30,000	105	36
Otsego	58169	2006	Northstar Energy	Gornick B4-6	9	10	T.B.D.	\$0	\$0	\$20,000	\$10,000	\$30,000	105	36
Otsego	58172	2007	Northstar Energy	Schmid A2-6	9	10	T.B.D.	\$0	\$0	\$20,000	\$10,000	\$30,000	105	36
Otsego	58237	2007	Northstar Energy	Gornick C1-6 SWD	11	10	T.B.D.	\$0	\$0	\$25,000	\$15,000	\$40,000	105	36
Otsego	58368	2007	Northstar Energy	Frontier SHR C2-7	9	10	T.B.D.	\$0	\$0	\$20,000	\$10,000	\$30,000	105	36
Otsego	58369	2007	Northstar Energy	Seitz D2-7	11	10	T.B.D.	\$0	\$0	\$20,000	\$10,000	\$30,000	105	36
Otsego	58407	2007	Northstar Energy	Frontier SHR D3-7	10	10	T.B.D.	\$0	\$0	\$20,000	\$10,000	\$30,000	105	36
Montmorency	57063	2007	Northstar Energy	Black River Ranch A1-22 SWD	8	9	T.B.D.	\$0	\$0	\$25,000	\$15,000	\$40,000	105	36
Montmorency	57240-2982*	2005	Northstar Energy	State Montmorency & Doran B4-21	11	9	T.B.D.	\$0	\$0	\$125,000	\$20,000	\$145,000	105	36
Montmorency	57414	2006	Northstar Energy	State Montmorency & Masters D1-21	8	9	T.B.D.	\$0	\$0	\$20,000	\$10,000	\$30,000	105	36
Montmorency	57432	2006	Northstar Energy	Black River Ranch A1-21	8	9	T.B.D.	\$0	\$0	\$20,000	\$10,000	\$30,000	105	36
Montmorency	57434	2006	Northstar Energy	Black River Ranch A1-21 SWD	8	9	T.B.D.	\$0	\$0	\$20,000	\$10,000	\$30,000	105	36

**TABLE III: ORPHAN WELL LIST FOR 2022
CATEGORY II WELLS - PRIORITIZED**

Projects are delineated by the alternately shaded and nonshaded groups.

COUNTY	PERMIT NUMBER	YEAR	COMPANY	WELL NAME & NUMBER	CAT II WELL SCORE	CAT II PROJ. SCORE	REMEDIAL ACTION	INTERIM RE-SPONSE	EVALUATION	PLUGGING COSTS	SITE RESTORATION	TOTAL COSTS	STATE HOUSE	STATE SENATE
Montmorency	57932	2006	Northstar Energy	State Montmorency C4-22	11	9	T.B.D.	\$0	\$0	\$20,000	\$10,000	\$30,000	105	36
Montmorency	57968	2006	Northstar Energy	State Montmorency D4-22	12	9	T.B.D.	\$0	\$0	\$20,000	\$10,000	\$30,000	105	36
Montmorency	58037	2006	Northstar Energy	Gaylord Fishing Club D2-20	10	9	T.B.D.	\$0	\$0	\$20,000	\$10,000	\$30,000	105	36
Montmorency	58038	2006	Northstar Energy	Gaylord Fishing Club D3-20	10	9	T.B.D.	\$0	\$0	\$20,000	\$10,000	\$30,000	105	36
Montmorency	58062	2006	Northstar Energy	Gaylord Fishing Club C1-21	10	9	T.B.D.	\$0	\$0	\$20,000	\$10,000	\$30,000	105	36
Montmorency	58089	2006	Northstar Energy	State Montmorency & Powell D2-21	8	9	T.B.D.	\$0	\$0	\$20,000	\$10,000	\$30,000	105	36
Montmorency	58214	2007	Northstar Energy	State Montmorency D2-22	10	9	T.B.D.	\$0	\$0	\$20,000	\$10,000	\$30,000	105	36
Benzie	59590	2010	Blue Bay Oil & Gas	State Joyfield & Sauer B3-23	10	12	T.B.D.	\$0	\$0	\$20,000	\$10,000	\$30,000	101	35
Benzie	60283	2011	Blue Bay Oil & Gas	Pietszyk A2-26	11	12	T.B.D.	\$0	\$0	\$20,000	\$10,000	\$30,000	101	35
Benzie	60258	2011	Blue Bay Oil & Gas	Smeltzer C4-33	8	12	T.B.D.	\$0	\$0	\$20,000	\$10,000	\$30,000	101	35
Benzie	59030	2008	Blue Bay Oil & Gas	Zenker D4-14	11	12	T.B.D.	\$0	\$0	\$20,000	\$10,000	\$30,000	101	35
Benzie	59291	2008	Blue Bay Oil & Gas	Lindgren D1-14	9	12	T.B.D.	\$0	\$0	\$20,000	\$10,000	\$30,000	101	35
Benzie	60259	2011	Blue Bay Oil & Gas	Hart D1-34	10	12	T.B.D.	\$0	\$0	\$20,000	\$10,000	\$30,000	101	35
Benzie	60255	2011	Blue Bay Oil & Gas	Reed B2-27	12	12	T.B.D.	\$0	\$0	\$20,000	\$10,000	\$30,000	101	35
Benzie	59481	2008	Blue Bay Oil & Gas	Frank A2-36	12	12	T.B.D.	\$0	\$0	\$20,000	\$10,000	\$30,000	101	35
Benzie	59488	2008	Blue Bay Oil & Gas	Smeltzer B4-28	13	12	T.B.D.	\$0	\$0	\$20,000	\$10,000	\$30,000	101	35
Benzie	59541	2009	Blue Bay Oil & Gas	Smeltzer C4-28	11	12	T.B.D.	\$0	\$0	\$20,000	\$10,000	\$30,000	101	35
Benzie	59515	2009	Blue Bay Oil & Gas	Smeltzer A4-33	12	12	T.B.D.	\$0	\$0	\$20,000	\$10,000	\$30,000	101	35
Benzie	59128	2008	Blue Bay Oil & Gas	Smeltzer A2-33	13	12	T.B.D.	\$0	\$0	\$20,000	\$10,000	\$30,000	101	35
Benzie	59538	2008	Blue Bay Oil & Gas	Evans Bros. Fruit Co. C1-33	9	12	T.B.D.	\$0	\$0	\$20,000	\$10,000	\$30,000	101	35
Benzie	59539	2008	Blue Bay Oil & Gas	Evans Bros. Fruit Co. D2-33	9	12	T.B.D.	\$0	\$0	\$20,000	\$10,000	\$30,000	101	35
Benzie	59253	2008	Blue Bay Oil & Gas	Lathwell Farms A2-34	13	12	T.B.D.	\$0	\$0	\$20,000	\$10,000	\$30,000	101	35
Benzie	60123	2010	Blue Bay Oil & Gas	Lathwell Farms B1-34	11	12	T.B.D.	\$0	\$0	\$20,000	\$10,000	\$30,000	101	35
Benzie	59686	2009	Blue Bay Oil & Gas	Lathwell Farms A4-34	12	12	T.B.D.	\$0	\$0	\$20,000	\$10,000	\$30,000	101	35
Benzie	59560	2009	Blue Bay Oil & Gas	Lathwell D1-26	12	12	T.B.D.	\$0	\$0	\$20,000	\$10,000	\$30,000	101	35
Benzie	59589	2009	Blue Bay Oil & Gas	Nyquist B2-35	14	12	T.B.D.	\$0	\$0	\$20,000	\$10,000	\$30,000	101	35
Benzie	59639	2010	Blue Bay Oil & Gas	Frank C4-27	13	12	T.B.D.	\$0	\$0	\$20,000	\$10,000	\$30,000	101	35
Benzie	59685	2009	Blue Bay Oil & Gas	Lathwell Farms B4-34	13	12	T.B.D.	\$0	\$0	\$20,000	\$10,000	\$30,000	101	35
Benzie	60251	2011	Blue Bay Oil & Gas	Hart C2-34	13	12	T.B.D.	\$0	\$0	\$20,000	\$10,000	\$30,000	101	35
Benzie	59540	2010	Blue Bay Oil & Gas	Zenker D4-34	14	12	T.B.D.	\$0	\$0	\$20,000	\$10,000	\$30,000	101	35
Benzie	59127	2008	Blue Bay Oil & Gas	Putney D1-34	13	12	T.B.D.	\$0	\$0	\$20,000	\$10,000	\$30,000	101	35
Benzie	59697	2009	Blue Bay Oil & Gas	Putney D1-35 SWD	12	12	T.B.D.	\$0	\$0	\$25,000	\$15,000	\$40,000	101	35
Benzie	60191	2010	Blue Bay Oil & Gas	State Joyfield & Putney C2-35	13	12	T.B.D.	\$0	\$0	\$20,000	\$10,000	\$30,000	101	35
Benzie	59489	2008	Blue Bay Oil & Gas	McDougall C4-35	12	12	T.B.D.	\$0	\$0	\$20,000	\$10,000	\$30,000	101	35

**TABLE III: ORPHAN WELL LIST FOR 2022
CATEGORY II WELLS - PRIORITIZED**

Projects are delineated by the alternately shaded and nonshaded groups.

COUNTY	PERMIT NUMBER	YEAR	COMPANY	WELL NAME & NUMBER	CAT II WELL SCORE	CAT II PROJ. SCORE	REMEDIAL ACTION	INTERIM RE- SPONSE	EVALUA- TION	PLUGGING COSTS	SITE RESTORA- TION	TOTAL COSTS	STATE HOUSE	STATE SENATE
Benzie	60197	2010	Blue Bay Oil & Gas	State Joyfield B1-36	10	12	T.B.D.	\$0	\$0	\$20,000	\$10,000	\$30,000	101	35
Benzie	60187	2010	Blue Bay Oil & Gas	Barrett C2-36	13	12	T.B.D.	\$0	\$0	\$20,000	\$10,000	\$30,000	101	35
Benzie	60084	2010	Blue Bay Oil & Gas	Barrett D1-36	13	12	T.B.D.	\$0	\$0	\$20,000	\$10,000	\$30,000	101	35
Benzie	59726-3175*	2010	Blue Bay Oil & Gas	Presidium D1-36 SWD	13	12	T.B.D.	\$0	\$0	\$125,000	\$20,000	\$145,000	101	35
Manistee	35129	1981	Blue Bay Oil & Gas	Bowling 2-35	12	12	T.B.D.	\$0	\$0	\$20,000	\$10,000	\$30,000	101	35
Manistee	59083	2008	Blue Bay Oil & Gas	Powers C4-9	13	12	T.B.D.	\$0	\$0	\$20,000	\$10,000	\$30,000	101	35
Manistee	58988	2008	Blue Bay Oil & Gas	Hughes A3-11	12	12	T.B.D.	\$0	\$0	\$20,000	\$10,000	\$30,000	101	35
Manistee	59724	2009	Blue Bay Oil & Gas	Sproul B1-14	16	12	T.B.D.	\$0	\$0	\$20,000	\$10,000	\$30,000	101	35
Manistee	59630	2009	Blue Bay Oil & Gas	Lamont D1-15	12	12	T.B.D.	\$0	\$0	\$20,000	\$10,000	\$30,000	101	35
Manistee	50018	1996	Blue Bay Oil & Gas	Adair C2-36	14	12	T.B.D.	\$0	\$0	\$20,000	\$10,000	\$30,000	101	35
Manistee	50019	1996	Blue Bay Oil & Gas	Adair C1-36	14	12	T.B.D.	\$0	\$0	\$20,000	\$10,000	\$30,000	101	35
Manistee	50020	1995	Blue Bay Oil & Gas	Adair D1-36	12	12	T.B.D.	\$0	\$0	\$20,000	\$10,000	\$30,000	101	35
Manistee	50021	1995	Blue Bay Oil & Gas	Adair D2-36	12	12	T.B.D.	\$0	\$0	\$20,000	\$10,000	\$30,000	101	35
Manistee	59428	2008	Blue Bay Oil & Gas	Wallace D1-1	12	12	T.B.D.	\$0	\$0	\$20,000	\$10,000	\$30,000	101	35
Manistee	59087	2008	Blue Bay Oil & Gas	Weber A4-10	11	12	T.B.D.	\$0	\$0	\$20,000	\$10,000	\$30,000	101	35
Manistee	59762	2010	Blue Bay Oil & Gas	Pierson C2-11	10	12	T.B.D.	\$0	\$0	\$20,000	\$10,000	\$30,000	101	35
Manistee	59723	2009	Blue Bay Oil & Gas	Sproul & Reed D1-11	12	12	T.B.D.	\$0	\$0	\$20,000	\$10,000	\$30,000	101	35
Manistee	60125	2010	Blue Bay Oil & Gas	Reed C1-12	14	12	T.B.D.	\$0	\$0	\$20,000	\$10,000	\$30,000	101	35
Manistee	60264	2011	Blue Bay Oil & Gas	Vansickle B1-12	10	12	T.B.D.	\$0	\$0	\$20,000	\$10,000	\$30,000	101	35
Manistee	59427	2008	Blue Bay Oil & Gas	Reed A2-12	12	12	T.B.D.	\$0	\$0	\$20,000	\$10,000	\$30,000	101	35
Manistee	59082	2008	Blue Bay Oil & Gas	Miller B4-12	10	12	T.B.D.	\$0	\$0	\$20,000	\$10,000	\$30,000	101	35
Manistee	60226	2011	Blue Bay Oil & Gas	Jasinski & Taylor B3-12	11	12	T.B.D.	\$0	\$0	\$20,000	\$10,000	\$30,000	101	35
Manistee	60287	2011	Blue Bay Oil & Gas	Marshall C4-12	9	12	T.B.D.	\$0	\$0	\$20,000	\$10,000	\$30,000	101	35
Manistee	59748	2010	Blue Bay Oil & Gas	State Pleasanton & Miller D1-14	14	12	T.B.D.	\$0	\$0	\$20,000	\$10,000	\$30,000	101	35
Manistee	59355	2008	Blue Bay Oil & Gas	State Pleasanton & Reed B3-15	13	12	T.B.D.	\$0	\$0	\$20,000	\$10,000	\$30,000	101	35
Manistee	59587-3412*	2008	Blue Bay Oil & Gas	Reed B3-15 SWD	13	12	T.B.D.	\$0	\$0	\$125,000	\$20,000	\$145,000	101	35
Manistee	59718	2009	Blue Bay Oil & Gas	Lamont C2-15	11	12	T.B.D.	\$0	\$0	\$20,000	\$10,000	\$30,000	101	35
Manistee	59761	2010	Blue Bay Oil & Gas	Miller & Nowak C4-15	15	12	T.B.D.	\$0	\$0	\$20,000	\$10,000	\$30,000	101	35
Manistee	49520	1995	Blue Bay Oil & Gas	Eldridge A2-27	14	12	T.B.D.	\$0	\$0	\$20,000	\$10,000	\$30,000	101	35
Manistee	49532	1995	Blue Bay Oil & Gas	Girvin B4-27	14	12	T.B.D.	\$0	\$0	\$20,000	\$10,000	\$30,000	101	35
Manistee	50747	1996	Blue Bay Oil & Gas	Girven 1-27 SWD	14	12	T.B.D.	\$0	\$0	\$25,000	\$15,000	\$40,000	101	35
Manistee	50625	1996	Blue Bay Oil & Gas	Gordon 16-26	13	12	T.B.D.	\$0	\$0	\$20,000	\$10,000	\$30,000	101	35
Manistee	51287-2055*	1997	Blue Bay Oil & Gas	Buckner 1-26 SWD	17	12	T.B.D.	\$0	\$0	\$125,000	\$20,000	\$145,000	101	35
Manistee	50669	1995	Blue Bay Oil & Gas	State Pleasanton 10-35	11	12	T.B.D.	\$0	\$0	\$20,000	\$10,000	\$30,000	101	35
Manistee	50612	1996	Blue Bay Oil & Gas	State Pleasanton 3-25	10	12	T.B.D.	\$0	\$0	\$20,000	\$10,000	\$30,000	101	35

**TABLE III: ORPHAN WELL LIST FOR 2022
CATEGORY II WELLS - PRIORITIZED**

Projects are delineated by the alternately shaded and nonshaded groups.

COUNTY	PERMIT NUMBER	YEAR	COMPANY	WELL NAME & NUMBER	CAT II WELL SCORE	CAT II PROJ. SCORE	REMEDIAL ACTION	INTERIM RE-SPONSE	EVALUA-TION	PLUGGING COSTS	SITE RESTORA-TION	TOTAL COSTS	STATE HOUSE	STATE SENATE
Manistee	50613	1996	Blue Bay Oil & Gas	State Pleasanton 4-25	10	12	T.B.D.	\$0	\$0	\$20,000	\$10,000	\$30,000	101	35
Manistee	50620	1996	Blue Bay Oil & Gas	Pittenger 12-25	12	12	T.B.D.	\$0	\$0	\$20,000	\$10,000	\$30,000	101	35
Manistee	59771	2009	Blue Bay Oil & Gas	State Springdale & Tracy Et Al B4-19	12	12	T.B.D.	\$0	\$0	\$20,000	\$10,000	\$30,000	101	35
Manistee	60178	2010	Blue Bay Oil & Gas	Cutter A2-7	10	12	T.B.D.	\$0	\$0	\$20,000	\$10,000	\$30,000	101	35
Manistee	59485	2008	Blue Bay Oil & Gas	Powers B1-7	10	12	T.B.D.	\$0	\$0	\$20,000	\$10,000	\$30,000	101	35
Benzie	59032	2008	Blue Bay Oil & Gas	Harm D4-32	8	10	T.B.D.	\$0	\$0	\$20,000	\$10,000	\$30,000	101	35
Benzie	59056	2008	Blue Bay Oil & Gas	Harm D4-32 SWD	8	10	T.B.D.	\$0	\$0	\$25,000	\$15,000	\$40,000	101	35
Benzie	56722-2894*	2005	Blue Bay Oil & Gas	Hungry Horse 2-31	PC	10	T.B.D.	\$0	\$0	\$0	\$50,000	\$50,000	101	35
Benzie	57163	2006	Blue Bay Oil & Gas	Hungry Horse 3-31	10	10	T.B.D.	\$0	\$0	\$20,000	\$10,000	\$30,000	101	35
Benzie	59058	2008	Blue Bay Oil & Gas	Rosa D4-14	10	10	T.B.D.	\$0	\$0	\$20,000	\$10,000	\$30,000	101	35
Benzie	59081	2008	Blue Bay Oil & Gas	Baker C3-21	10	10	T.B.D.	\$0	\$0	\$20,000	\$10,000	\$30,000	101	35
Benzie	59236	2008	Blue Bay Oil & Gas	State Homestead & Knauer B1-32	14	10	T.B.D.	\$0	\$0	\$20,000	\$10,000	\$30,000	101	35
Benzie	59052	2008	Blue Bay Oil & Gas	Lung C4-32 SWD	10	10	T.B.D.	\$0	\$0	\$25,000	\$15,000	\$40,000	101	35
Benzie	59029	2008	Blue Bay Oil & Gas	State Homestead & Oigney B4-13	10	10	T.B.D.	\$0	\$0	\$20,000	\$10,000	\$30,000	101	35
Benzie	59143	2008	Blue Bay Oil & Gas	State Homestead & Burcroff B4-22	10	10	T.B.D.	\$0	\$0	\$20,000	\$10,000	\$30,000	101	35
Benzie	59263	2008	Blue Bay Oil & Gas	Miner B3-17	9	10	T.B.D.	\$0	\$0	\$20,000	\$10,000	\$30,000	101	35
Benzie	59278	2008	Blue Bay Oil & Gas	Miner D3-17	10	10	T.B.D.	\$0	\$0	\$20,000	\$10,000	\$30,000	101	35
Leelanau	59079	2008	Blue Bay Oil & Gas	Parker B2-35	11	9	T.B.D.	\$0	\$0	\$20,000	\$10,000	\$30,000	101	35
Leelanau	59373	2008	Blue Bay Oil & Gas	Alpers C3-34	8	9	T.B.D.	\$0	\$0	\$20,000	\$10,000	\$30,000	101	35
Leelanau	59372	2008	Blue Bay Oil & Gas	Burkhart B3-34	8	9	T.B.D.	\$0	\$0	\$20,000	\$10,000	\$30,000	101	35
Leelanau	59142	2008	Blue Bay Oil & Gas	Lautner D2-22	10	9	T.B.D.	\$0	\$0	\$20,000	\$10,000	\$30,000	101	35
Leelanau	59266	2008	Blue Bay Oil & Gas	Parker D1-27	9	9	T.B.D.	\$0	\$0	\$20,000	\$10,000	\$30,000	101	35
Leelanau	59252	2008	Blue Bay Oil & Gas	Lautner A1-34	8	9	T.B.D.	\$0	\$0	\$20,000	\$10,000	\$30,000	101	35
Leelanau	59125	2008	Blue Bay Oil & Gas	Ruthardt C4-32	10	9	T.B.D.	\$0	\$0	\$20,000	\$10,000	\$30,000	101	35
Leelanau	59124	2008	Blue Bay Oil & Gas	Alpers B4-34	10	9	T.B.D.	\$0	\$0	\$20,000	\$10,000	\$30,000	101	35
Leelanau	59080	2008	Blue Bay Oil & Gas	Lautner D4-28	9	9	T.B.D.	\$0	\$0	\$20,000	\$10,000	\$30,000	101	35
Leelanau	59277	2008	Blue Bay Oil & Gas	Neumann B2-33	9	9	T.B.D.	\$0	\$0	\$20,000	\$10,000	\$30,000	101	35
Current Number of Category II Orphan Wells: 442								Estimated Costs Remaining:	\$0	\$0	\$23,670,000	\$5,735,000	\$29,405,000	

PC = Plugging Completed

* = Associated Facility Number

CATEGORY II = wells are abandoned, non-leaking wells.

**TABLE III: ORPHAN WELL LIST FOR 2022
CATEGORY III WELLS**

COUNTY	PERMIT NUMBER	YEAR	COMPANY	WELL NAME & NUMBER	SCORE	TOTAL COSTS TO DATE	ESTIMATED EVALUATION	ESTIMATED REMEDIAL ACTION	ESTIMATED FUTURE COSTS	STATE HOUSE	STATE SENATE
Allegan	17150	1951	Michigan Pipe Co.	Busk 3	Monitoring	\$55,083	\$15,000	\$10,000	\$25,000	88	20
Allegan	15891	1950	Michigan Pipe Co.	Maude Mesick 1	Monitoring	\$46,953	\$10,000	\$50,000	\$60,000	88	20
Genesee	28458	1971	Richter, Ervin	Elliot-Sammons Unit 1	PC	\$256	\$10,000	\$50,000	\$60,000	48	26
Gladwin	19368	1955	Lakeland Oil Corp.	School Rd	Monitoring	\$214,585	\$1,500	\$5,000	\$6,500	97	36
Gladwin	4568	1937	Schnell, Louis	LaFursey 1	18	\$6,000	\$0	\$100,000	\$100,000	97	36
Gladwin	4864	1938	Schnell, Louis	LaFursey 2	18	\$6,000	\$0	\$100,000	\$100,000	97	36
Gladwin	4856	1937	Schnell, Louis	Snellenberger 1	18	\$5,855	\$0	\$100,000	\$100,000	97	36
Gladwin	495 (FN)	1983	Estate of Aaron Elek III	Campbell CTB		\$25,000	\$10,000	\$50,000	\$60,000	97	36
Kent	6056	1939	Bauman, M.H.	Burgess 1	20	\$35,322	\$5,000	\$75,000	\$80,000	74	28
Manistee	30540	1975	Whitney Oil & Gas Corp.	Hadaway 2-2A	PC	\$510	\$0	\$0	\$0	101	35
Montcalm	11919	1945	Kill Drilling Co.	Douglas 1	Monitoring	\$249,252	\$50,000	\$35,000	\$85,000	70	33
Montcalm	10816	1944	Stewart, Fred	Charnley - Witherall 1	44	\$64,900	\$1,500	\$7,000	\$8,500	70	33
Montcalm	10922	1944	Stewart, Fred	Paris 1	Monitoring	\$368,746	\$35,000	\$35,000	\$70,000	70	33
Montcalm	27876	1969	Stewart, James	Graham, H. 1	43	\$42,396	\$50,000	\$150,000	\$200,000	70	33
Montcalm	28170	1970	Stewart, James	Marzig 1	16	\$51,661 ¹	\$5,000	\$50,000	\$55,000	70	33
Muskegon	92	1928	Continental Motors Corp.	Continental 1	47	\$67,155	\$50,000	\$200,000	\$250,000	92	34
Muskegon	85	1928	Muskegon Oil Corp.	Heinz, H. 3	38	\$53,943	\$10,000	\$35,000	\$45,000	92	34
Muskegon	114	1928	W. J. Simon	Reeths 1-D	37	\$86,724	\$20,000	\$50,000	\$70,000	92	34
Muskegon	17673	1952	McCallister, Bernard	Beroza 1	19	\$50,616 ¹	\$5,000	\$50,000	\$55,000	91	34
Muskegon	10425	1943	McCallister, Bernard	Neubeck 1	19	\$50,616 ¹	\$10,000	\$50,000	\$60,000	91	34
Muskegon	33024	1979	McCallister, Bernard	Harmsen 1	23	\$56,662 ¹	\$10,000	\$75,000	\$85,000	92	34
Muskegon	12248	1946	McCallister, Bernard	Zelinka 3	PC	\$19,575 ¹	\$10,000	\$75,000	\$85,000	91	34
Oceana	33493	1980	Adams, Frank Jr.	Lauber 1-6 BDW	14	\$284,033	\$10,000	\$50,000	\$60,000	100	34
Otsego	29028	1973	Saba Energy of TX	Leacock, Hubbard Underwood Unit 1	Monitoring	\$183,412	\$500	\$1000	\$1,500	105	36
Otsego	44355	1991	Duff Oil Company	Forterra 1-15	6	\$40,000	\$0	\$5,000	\$5000	105	36
Ottawa	20899	1958	J & T Distributing	Kneibel 1	19	\$31,951	\$5,000	\$50,000	\$55,000	88	30
Sanilac	25939	1966	Simpson, CJ	Hontar 1	5	\$0	\$0	\$5,000	\$5,000	83	25
Total Costs:						\$2,097,206	\$323,500	\$1,463,000	\$1,786,500		
Total Category III Sites Remaining:						27					

PC = Plugging Complete

¹ = average cost

CATEGORY III wells have been plugged; however, site remediation has not yet been completed.